

AMENDMENT TO THE CLAIMS:

Claims pending

- At time of the Action: Claims 1-4, 17-20, 33-36 and 49.
- After this Response: Claims 1-4, 17-20, 33-36 and 49.

Canceled or Withdrawn claims: None

Amended claims: 1, 17, and 33

New claims: None

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for encoding a motion video signal, the method comprising:

determining a desired size for a first frame of the motion video signal;
encoding the first frame of the motion video signal to form an encoded frame;
determining an encoded size of the encoded frame;
comparing the encoded size to the desired size;
adjusting an encoding parameter such that encoding the first frame according to the encoding parameter as adjusted would form a different encoded frame having a size closer to the desired size than the encoded size is to the desired

1 size, and wherein the adjusted encoding parameter compensates for no more than
2 about 50 percent of any difference between the encoded size and the desired size;
3 and

4 encoding a second frame of the motion video signal according to the
5 encoding parameter as adjusted.

6
7 Claim 2 (original): The method of Claim 1 wherein the second frame is
8 subsequent to the first frame in the motion video signal.

9
10 Claim 3 (original): The method of Claim 1 wherein the encoding parameter
11 is a numerical representation of a compromise between consumed bandwidth and
12 image quality of the motion video signal as encoded.

13 Claim 4 (original): The method of Claim 1 wherein the step of adjusting
14 comprises:

15 determining a difference between the encoded size and the desired size; and
16 adjusting the encoding parameter by an amount which is proportional to the
17 difference.

18
19 Claims 5-16 (canceled)

20
21 Claim 17 (currently amended): A computer readable medium useful in
22 association with a computer which includes a processor and a memory, the
23 computer readable medium including computer instructions which are configured
24 to cause the computer to encode a motion video signal by performing the steps of:
25 determining a desired size for a first frame of the motion video signal;

1 encoding the first frame of the motion video signal to form an encoded
2 frame;
3 determining an encoded size of the encoded frame;
4 comparing the encoded size to the desired size;
5 adjusting an encoding parameter such that encoding the first frame
6 according to the encoding parameter as adjusted would form a different encoded
7 frame having a size closer to the desired size than the encoded size is to the desired
8 size, and wherein the adjusted encoding parameter compensates for no more than
9 about 50 percent of any difference between the encoded size and the desired size;
10 and
11 encoding a second frame of the motion video signal according to the
12 encoding parameter as adjusted.

13
14 Claim 18 (original): The computer readable medium of Claim 17 wherein
15 the second frame is subsequent to the first frame in the motion video signal.

16
17 Claim 19 (original): The computer readable medium of Claim 17 where the
18 encoding parameter is a numerical representation of a compromise between
19 consumed bandwidth and image quality of the motion video signal as encoded.

20
21 Claim 20 (original): The computer readable medium of Claim 17 wherein
22 the step of adjusting comprises:

23 determining a difference between the encoded size and the desired size; and
24 adjusting the encoding parameter by an amount which is proportional to the
25 difference.

Claims 21-32 (canceled)

Claim 33 (currently amended): A computer system comprising:

a processor;

a memory operatively coupled to the processor and

a motion video signal encoder which executes in the processor from the memory and which, when executed by the processor, causes the computer to encode a motion video signal by performing the steps of:

determining a desired size for a first frame of the motion video signal;

encoding the first frame of the motion video signal to form an encoded frame;

determining an encoded size of the encoded frame;

comparing the encoded size to the desired size;

adjusting an encoding parameter such that encoding the first frame according to the encoding parameter as adjusted would form a different encoded frame having a size closer to the desired size than the encoded size is to the desired size, and wherein the adjusted encoding parameter compensates for no more than about 50 percent of any difference between the encoded size and the desired size; and

encoding a second frame of the motion video signal according to the encoding parameter as adjusted.

1 Claim 34 (original): The computer system of Claim 33 wherein the second
2 frame is subsequent to the first frame in the motion video signal.

3
4 Claim 35 (original): The computer system of Claim 33 where in the
5 encoding parameter is a numerical representation of a compromise between
6 consumed bandwidth and image quality of the motion video signal as encoded.

7
8 Claim 36 (original): The computer system of Claim 33 wherein the step of
9 adjusting comprises:

10 determining a difference between the encoded size and the desired size; and
11 adjusting the encoding parameter by an amount which is proportional to the
12 difference.

13
14 Claims 37-48 (canceled)

15
16 Claim 49 (previously presented): A computer readable medium comprising
17 instructions which, when executed by a computer, performs the method of Claim
18 1.